# PATENT COOPERATION TREATY

# **PCT**

# INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220
PW/3-22933	ACTION	as well	as, where applicable, item 5 below.
international application No.	International filing date (day/month/y	ear)	(Earliest) Priority Date (day/month/year)
PCT/EP2004/051630	28/07/2004		06/08/2003
Applicant			
CIBA SPECIALITY CHEMICALS	HOLDING INC.		
This International Search Report has been according to Article 18. A copy is being tra		ing Auth	ority and is transmitted to the applicant
		_	
This International Search Report consists  X It is also accompanied by	a copy of each prior art document cite		renort
The abotatoripation by		u III u II s 1	
1. Basis of the report			
	international search was carried out or ess otherwise indicated under this item		is of the international application in the
The international	search was carried out on the basis of	a trancla	ation of the international application furnished to
this Authority (Rul		a ransa	and of the sherifational application farmanes to
b. With regard to any nucleo	otide and/or amino acid sequence di	sclosed i	n the international application, see Box No. I.
2. Certain claims were fou	nd unsearchable (See Box II).		
Z. Certain Claims were rout	ild diisealciiable (See Dox II).		
3. Unity of invention is lack	king (see Box III).		
4. With regard to the title,			
X the text is approved as su	bmitted by the applicant.		
	hed by this Authority to read as follows	ı:	
_			
5. With regard to the abstract,			•
the text is approved as su	·	Authorit	y as it appears in Box No. IV. The applicant
			h report, submit comments to this Authority.
C. Milth companies to the describers			
<ol> <li>With regards to the drawings,</li> <li>a. the figure of the drawings to be p</li> </ol>	ublished with the abstract is Figure No		
as suggested by t		•	<del></del>
	s Authority, because the applicant faile	d to sugg	gest a figure.
as selected by this	s Authority, because this figure better of	haracter	izes the invention.
b. none of the figures is to be	published with the abstract.		

international Application No PCT/EP2004/051630

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 D21H21/30

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 D21H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category *	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 905 317 A (CIBA GEIGY AG) 31 March 1999 (1999-03-31) abstract claim 11	1-10
X	EP 0 835 906 A (CIBA GEIGY AG) 15 April 1998 (1998-04-15) abstract page 2, line 25 - page 3, line 14	1-10
X	EP 1 253 191 A (3V SIGMA SPA) 30 October 2002 (2002-10-30) paragraph '0008!	1
X	GB 1 183 854 A (BAYER AKTIENGESELLSHAFT) 11 March 1970 (1970-03-11) cited in the application claim 1	1

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents:  A' document defining the general state of the art which is not considered to be of particular relevance  E' earlier document but published on or after the International filing date  L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  O' document referring to an oral disclosure, use, exhibition or other means  P' document published prior to the International filing date but later than the priority date claimed	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search	Date of mailing of the international search report
16 November 2004	24/11/2004
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (-31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Naeslund, P

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International Application No PCT/EP2004/051630

•		PC1/EF2004/051030			
C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT  Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.					
alegory *	Gitation of document, with indication, where appropriate, of the relevant passages	Helevant to claim No.			
A	DE 27 15 864 A (CIBA GEIGY AG) 27 October 1977 (1977-10-27) cited in the application the whole document	1-10			
A	EP 0 588 768 A (CIBA GEIGY AG) 23 March 1994 (1994-03-23)				
A	US 5 622 749 A (ROHRINGER PETER ET AL) 22 April 1997 (1997-04-22)				

1

Information on patent family members

International Application No PCT/EP2004/051630

		Т		PCT/EP2004/051630		
	Patent document ed in search report		Publication date		Patent family member(s)	Publication date
EP	0905317	Α	31-03-1999	EP	0905317 A1	31-03-1999
				AU	740519 B2	08-11-2001
				AU	8516698 A	01-04-1999
				BR	9803447 A	24-09-2002
				CA	2247569 A1	16-03-1999
				ID	20876 A	18-03-1999
				NZ	331438 A	28-01-2000
				US	6302999 B1	16-10-2001
				US	2002084049 A1	04-07-2002
				ZA	9808419 A	16-03-1999
FP	0835906	Α	15-04-1998	AT	253616 T	15-11-2003
	0000700	•••	10 04 1550	ΑÜ	734192 B2	07-06-2001
				AU	4095797 A	
						23-04-1998
				BR	9704998 A	10-11-1998
				CA	2217911 A1	10-04-1998
				CN	1180719 A ,B	06-05-1998
				DE	59710955 D1	11-12-2003
				EΡ	0835906 A2	15-04-1998
				ES	2208855 T3	16-06-2004
				ID	18530 A	16-04-1998
				JP	11043621 A	16-02-1999
				PT	835906 T	31-03-2004
				US	5976410 A	02-11-1999
				ZA	9709051 A	14-04-1998
FP	1253191	Α	30-10-2002	IT	MI20010884 A1	28-10-2002
		••		BR	0201444 A	09-09-2003
				EP	1253191 A1	30-10-2002
				US	2003054969 A1	
						20-03-2003
GB 	1183854	A	11-03-1970	NONE		
DE	2715864	Α	27-10-1977	DE	2715864 A1	27-10-1977
	~~~~~~~			FR	2348317 A1	10-11-1977
ΕP	0588768	A	23-03-1994	DE	4230656 A1	17-03-1994
				AT	152756 T	15-05-1997
				AU	665110 B2	14-12-1995
				AU	4731193 A	24-03-1994
				BR	9303778 A	22-03-1994
				CA	2105921 A1	15-03-1994
				DE	59306376 D1	12-06-1997
				EP	0588768 A2	23-03-1994
				ES	2102633 T3	01-08-1997
				FI	933992 A	
						15-03-1994
				JP	6212093 A	02-08-1994
				MX	9305599 A1	31-03-1994
	~			US 	5846382 A	08-12-1998
us	5622749	Α	22-04-1997	GB	2277749 A	09-11-1994
				AT	177164 T	15-03-1999
				AU	668296 B2	26-04-1996
				AU	61952 <b>94 A</b>	10-11-1994
				BR	9401913 A	13-12-1994
				CA	2123054 A1	09-11-1994

Information on patent family members

International Application No PCT/EP2004/051630

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 5622749 A		DE	69416716 D	1 08-04-1999
		DE	69416716 Ta	2 02-09-1999
		EP	0624687 A	1 17-11-1994
		ES	2129612 T	
		FI	942130 A	09-11-1994
		HU	67380 A2	2 28-04-1995
		JP	6322697 A	22-11-1994
		MX	9403326 A	1 31-01-1995
		NZ	260472 A	26-10-1994
		RU	2129180 C	1 20-04-1999
		ZA	9403149 A	08-11-1994